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TB CARE I

Zambia

**Year 1
Quarterly Report
April - June 2011**

July 29th, 2011

Quarterly Overview

Reporting Country	Zambia
Lead Partner	FHI
Collaborating Partners	WHO, KNCV
Date Report Sent	
From	Seraphine Kabanje
To	George Sinyangwe
Reporting Period	April-June 2011

Technical Areas	% Completion
1. Universal and Early Access	30%
2. Laboratories	38%
3. Infection Control	25%
4. PMDT	29%
5. TB/HIV	25%
6. Health Systems Strengthening	25%
7. M&E, OR and Surveillance	25%
8. Drug supply and management	25%
Overall work plan completion	28%

Most Significant Achievements

The TB CARE I workplan was approved by USAID Washington on June 7, 2011. Staff recruitment continued during this quarter and highly skilled staff was interviewed for the twelve positions advertised during the previous quarter. TB CARE I partners, WHO, KNVC and FHI agreed on implementation timeline with the National TB control Program (NTP) and implementation began in the target provinces.

Overall work plan implementation status

The project was able to initiate activities through a pre-subagreement Letter of Authorization. Activities included staff hire and office set up, this quarter. Following work plan approval and hiring of staff, the project began implementation of activities.

Technical and administrative challenges

Project start up was done before work plan approval and required continued guidance from the USAID Mission and the PMU on activities that were implemented.

Quarterly Technical Outcome Report

	2010*	2011**
Number of MDR cases diagnosed	N/A	N/A
Number of MDR cases put on treatment	N/A	N/A

The Zambia NTP is currently not collecting this data as part of the national data. We should have some numbers as we support the PMDT scale up later this year that are confirmed by the NTP reporting and recording system.

* January - December 2010 ** January - June 2011

Technical Area		1. Universal and Early Access						
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target	Result	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
					Y1	Y1		
1	Strengthened and expanded DOTS by the National Tuberculosis Control Program	Case detection rate (all forms) greater than 70%	Number of notified cases of TB divided by the estimated number of new (incident) cases of TB that occurred in the same year	80%	82%	N/A (National annual data was not compiled this quarter)	A national TB/HIV /Leprosy review meeting was held from May 16-20, 2011. All provinces made presentations of their provincial data. Discussions were held and recommendations were made to each province to make improvements where required. The NTP and partners in TB control also made presentations and discussions were held on each partner support to the country.	In the next quarter, TB CARE I will support activities to enhance case detection. Activities will include quarterly EQA visits by national and provincial laboratory staff to all TB diagnostic laboratories, training of health care workers in TB case detection and treatment through the revised WHO modules, and training of community volunteers in TB and TB/HIV control.
2		Treatment success rate above 90%	Percentage of patients cured plus the percentage that completed treatment but for whom cure was not confirmed	88%	88%	N/A (Data to be collected following EQA visits-panel testing)		

Technical Area		2. Laboratories						
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target	Result	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
					Y1	Y1		
1	Achievement of over 90% case detection rate for all forms of TB	Percentage of USG-supported laboratories performing TB microscopy with over 95% correct microscopy results	Number of laboratories with over 95% correct microscopy results divided by total number of laboratories performing TB microscopy	80%	80%	N/A (Data to be collected following EQA visits-panel testing)	EQA visit plans were prepared by the Ministry of Health, Chest Diseases Laboratory (CDL) and TB CARE I staff	A Technical Officer for laboratory services will be hired in July and he will coordinate all laboratory activities . The project will support training of fifteen laboratory staff in LED based fluorescent microscopy from August 21-27, 2011. EQA visits will be conducted to all district health facilities in all five target provinces from July 5 to September 2, 2011. The project will procure supplementary laboratory supplies and a GeneXpert Machine with accessories to facilitate for early TB diagnosis. The project will also print 500 copies of standard operating procedures for smear microscopy and 500 copies of laboratory registers for both microscopy and culture facilities
		Average population per laboratory performing TB microscopy	Total population of target provinces divided by total number of laboratories performing TB microscopy in the target provinces	63,312		N/A	The census data is not yet provided to the country for 2011-2015 projections.	TB CARE I plans to collaborate with the NTP and target provinces to identify possible laboratory facilities for renovation support in year two of project implementation.

Technical Area	3. Infection Control						
Expected Outcomes	Outcome Indicators	Indicator Definition	Baseline	Target	Result	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
				Y1	Y1		

1	TB infection control plans available and implemented in all five provincial hospitals and all 43 district hospitals in the target provinces	Number of facilities with infection control plans developed and implemented	Number of facilities in the target provinces with infection control plans reflecting measures to reduce nosocomial transmission of TB	0	5	N/A	The Technical Officer for TB infection control and Infrastructure Support was hired this quarter. Preparations for the development of facility level TB infection control plans are underway.	Three facilities targeted for MDR-TB will receive support to develop infection control plans. These are the University Teaching Hospital, Kabwe General Hospital and Ndola Central Hospital
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Technical Area		4. PMDT						
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
1	Support NTP to have a minimum of 250 MDR-TB patients notified and on treatment by September 2015	Number of notified MDR-TB patients placed on treatment under GLC approved sites	Number of patients reported to the NTP from facilities implementing PMDT	50	50	N/A	Currently two facilities are providing PMDT. The NTP has established a sub-committee that is planning MDR-TB management including the establishment of reporting and recording tools for MDR-TB patients for patient data collection.	The project will provide annual data on the number of patients reported to the NTP from the facilities implementing PMDT, once reporting and recording tools have been adapted.

Technical Area		5. TB/HIV						
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target	Result	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
					Y1	Y1		
1	Improved collaboration between TB and HIV programs with 90% TB patients tested for HIV	Percentage of co-infected TB patients on ART	Number of TB/HIV patients on ART divided by total number of registered TB/HIV patients	42.2%		N/A (National annual data was not compiled this quarter)	Hiring of Technical Officer - TB/HIV was done in this quarter. Planning for activity implementation has been going on during the quarter under review. Activities were planned for implementation in partnership with the districts in the five target provinces.	The project will support collaboration with the PEPFAR funded ZPCT II to enhance co-management of co-infected patients, including training of PEPFAR funded HIV adherence support workers (ASW) in TB control activities to enable them provide support to co-infected patients.
		Percentage of all registered TB patients who are tested for HIV through USG-supported programs	Number of registered TB patients who are tested for HIV divided by the total number of registered TB patients	71.5%	75%	N/A (National annual data was not compiled this quarter)	Hiring of Technical Officer - TB/HIV was done in this quarter. Planning for activity implementation has been going on during the quarter under review. Activities are being planned for implementation in partnership with the districts.	TB CARE I is supporting TB/HIV collaboration through district level TB/HIV coordinating bodies. Meeting discussions include enhancing access of HIV services by TB patients and enhancing access of TB services by HIV/AIDS infected patients.

Technical Area		6. Health Systems Strengthening						
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target	Result	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
					Y1	Y1		
1	Strengthened TB management at all levels of care	Improved TB treatment outcomes	Treatment outcomes includes treatment success rate (completion rate plus cure rate)	88%	88%	N/A (National annual data was not compiled this quarter)	A national TB/HIV /Leprosy review meeting was held from May 16-20, 2011 and TB treatment outcomes were presented by the respective provinces. Results of cohort analyses were also presented.	TB CARE I is supporting technical supervisory visits to all target provinces. The TB/HIV /Leprosy/STI coordinators will conduct these visits to all facilities in their respective districts to support health care workers providing TB services.
			Reducing default rate	3%	2.5%			

Technical Area		7. M&E, OR and Surveillance						
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
1	Quality assured reporting of TB notifications and outcomes	Number of technical review meetings held	A technical review meeting is a meeting held within a province with representation from all districts in the province to review the TB data collected in each district using standard reporting tools.	5	10	N/A	TB CARE I did not support technical review meetings this quarter. The project plans to provide this support in the next quarter, following work plan approval.	The project will support meetings in all target provinces in the next quarter.
2	Operational research established in all target provinces	Number of operational research evaluations conducted in the target provinces	One operational research activity to be conducted in each province during the life of project	0	1	N/A	Planning meetings have been held with the NTP and the MoH research unit for the start up of NTP led operational research.	Recommendations have been made on the approach for the implementation process. The project will provide technical support with global consultants to the MoH research unit and a training of provincial staff will enhance identification of focus areas for operational research.







Technical Area		8. Drug supply and management						
Expected Outcomes		Outcome Indicators	Indicator Definition	Baseline	Target Y1	Result Y1	Highlights of the Quarter	Challenges and Next Steps to Reach the Target
1	Assured uninterrupted supply of anti-TB drugs	Fixed-dose combination for first line drugs and second line drugs available and in use	Availability of one year buffer stock for first line anti-TB drugs at national level medical stores, 6 months buffer stock at provincial level and three months buffer stock at district level	N/A	N/A	N/A	The NTP has provided anti-TB drugs at all levels this quarter with funding support from the MoH.	The project will support performance assessment visits from national to district levels to support facilities with monitoring visits that include review of drug supply and management.


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Quarterly Activity Plan Report

Outcomes	1. Universal and Early Access		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
1.1 Strengthened and expanded DOTS by the National Tuberculosis Control Program	1.1.1	Support enhanced management of pediatric TB	WHO	11.300	25%	Aug	2011	The NTP pediatric subcommittee has began its meetings to develop/adapt national guidelines that will be used in management of pediatric TB treatment.
	1.1.2	Intensify TB screening, diagnosis and care for women and children	FHI	24.691	50%	Jul	2011	The procurement process for the sputum containers for health facilities providing maternal and child health services in the five northern provinces, was initiated from the USA and will be finalized in July, 2011.
	1.1.3	Enhance private sector participation in TB control	WHO	11.300	25%	Sep	2011	NTP is in consultation with WHO to identify consultants to conduct the situational analysis of private providers to enhance public private mix (PPM) DOTS, in the country, in the next quarter.
	1.1.4	Provide technical support	KNCV	36.571	25%	Sep	2011	Discussions have been held with the NTP and agreements are underway to have technical support to enhance universal access in Tb and TB/HIV control, in the next quarter, following work plan approval.
	1.1.5	Provide technical support	FHI	7.832	25%	Jul	2011	Dr. Carol Dukes Hamilton is scheduled to travel to Zambia from July 25 to July 30. The purpose of the trip is to provide technical support on enhancing universal access in TB and TB/HIV control.
					30%			








Outcomes	2. Laboratories		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
						Month	Year	
2.1 Achievement of over 90% case detection rate for all forms of TB	2.1.1	Strengthen laboratory services and systems through training in LED microscopy	FHI	38.580	25%	Aug	2011	LED fluorescent microscopy training is planned for fifteen laboratory MoH staff members, scheduled in August, 2011.



	2.1.2	Procure laboratory equipment for diagnostic facilities, including new technologies to support enhanced MDR-TB and TB/HIV diagnosis	FHI	25.000	 25%	Sep	2011	Discussions are being held on the procurement process for the GeneXpert machine with guidance from KNCV PMU. The project will procure the machine and accessories in the next quarter to support diagnosis of TB and MDR-TB.
	2.1.3	Support external quality assessment (EQA) implementation in the target provinces	FHI	65.972	 50%	Sep	2011	EQA sites were identified and a travel schedule was prepared. EQA visits are planned for July to September 2011.
	2.1.4	Procure laboratory supplies	FHI	142.627	 50%	Sep	2011	The procurement process of the laboratory supplies was initiated following the provision of a blanket waiver issued by USAID Washington. Vendors were identified and the procurement process is underway.
	2.1.5	Provide technical support to the NTP, National TB Reference Laboratory (Chest Diseases Laboratory) and target provinces	KNCV	90.786	 25%	Sep	2011	Discussions have been held with the NTP and agreements are underway to have technical support to CDL in the next quarter, following work plan approval.
	2.1.6	Print strategic laboratory documentation	FHI	18.004	 50%	Sep	2011	500 copies of SOPs will be printed by July 2011. Lab registers will be printed following revision.
					 38%			








3. Infection Control		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date	
Outcomes					Month	Year		
3.1 TB infection control plans available and implemented in all five provincial hospitals and all 43 district hospitals in	3.1.1	Integration of TB infection control into health facility level general infection control plans	FHI	6.430	 25%	Jul	2011	Orientation of health care workers in three health facilities in TB IC planning will be conducted in July, 2011. These facilities are sites planned for programmatic management of drug resistant TB (PMDT).


the target provinces	3.1.2	Provide technical assistance in TB IC at facility level	KNCV	56.082	25%	Sep	2011	Discussions have been held with the NTP and agreements are underway to have technical support to scale up facility level implementation of infection control measures, in the next quarter, following work plan approval.
					25%			





4. PMDT		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date	
Outcomes					Month	Year		
4.1 Support NTP to have a minimum of 250 MDR-TB patients notified and on treatment by September 2015	4.1.1	Rehabilitate infrastructure for management of multi-drug resistant (MDR-TB) TB patients	FHI	129.817	<div><div></div></div> 25%	Jul	2011	Facility assessments of three sites for management of MDR-TB patients will be conducted in July, 2011. KNCV TB IC technical advisor, Max Meis and consultant trainee, Anne Maruta, will provide technical assistance.
	4.1.2	Provide technical assistance in TB IC at facility level	FHI	12.281	<div><div></div></div> 50%	Aug	2011	An international architect consultant, Hans Mulder, will be hired by TB CARE I to provide technical assistance during the TB IC facility assessments of three MDR-TB sites planned for August, 2011.
	4.1.3	Enhance staff capacity in PMDT	WHO	22.600	<div><div></div></div> 25%	Dec	2011	Discussions between NTP and WHO on possible MDR-TB sites in South Africa were held. WHO awaiting formal request from NTP before PMDT international orientation arrangements can begin.
	4.1.4	Provide technical assistance in PMDT	WHO	16.950	<div><div></div></div> 25%	Dec	2011	The support of PMDT facility scale up will follow the MoH staff visit to South African MDR-TB sites.
	4.1.5	Provide technical assistance in PMDT	KNCV	39.454	<div><div></div></div> 25%	Sep	2011	Discussions have been held with the NTP and agreements are underway to have technical support to facilitate programmatic management and scale up of PMDT, in the next quarter, following work plan approval.
	4.1.6	Provide nutritional support to MDR-TB patients	FHI	13.187	<div><div></div></div> 25%	Sep	2011	Discussions were held between NTP, MoH nutrition unit and MDR-TB site managers. NTP will advise on the recommended nutritional supplements to be procured in target provinces, following the participant's report from a meeting held in Lesotho.
				<div><div></div></div> 29%				

5. TB/HIV		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date	
Outcomes					Month	Year		
5.1 Improved collaboration between TB and HIV programs with 90% TB patients tested for HIV	5.1.1	Strengthen national TB/HIV coordinating body meetings	FHI	2.572	 25%	Aug	2011	One national level TB/HIV support meeting has been planned to take place in August, 2011.
	5.1.2	Strengthen district and health facility level TB/HIV coordinating bodies	FHI	11.574	 25%	Jul	2011	Six district level TB/HIV support meetings have been planned to take place in July and August, 2011, following agreement with the district TB/HIV/Leprosy/STI coordinators.
	5.1.3	Enhance community involvement in TB and HIV services	WHO	124.300	 25%	Sep	2011	Revised community volunteer training module trainers have been identified and NTP is liaising with provincial health offices to set up training dates for one hundred health care workers.
	5.1.4	Enhance TB case finding efforts among HIV infected persons	FHI	12.860	 25%	Sep	2011	Training of thirty HIV adherence support workers has been planned for August and September, 2011 in agreement with the PEPFAR partner ZPCT II.
	5.1.5	Provide technical assistance in TB/HIV collaborative activities	KNCV	19.796	 25%	Sep	2011	Discussions have been held with the NTP and agreements are underway to plan technical support visits to enhance TB/HIV collaborative activities, following work plan approval.
	5.1.6	Procure project vehicle to support TB/HIV collaborative activities	FHI	100.000	 25%	Dec	2011	The procurement process is awaiting review of car analysis by USAID for two project vehicles.
				 25%				

6. Health Systems Strengthening		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date	
Outcomes					Month	Year		
6.1 Strengthened TB management at all levels of care	6.1.1	Strengthen national TB control management efforts	WHO	22.600	 25%	Jul	2011	Support meetings to finalize the national TB strategic plan, have been set for the 25th to 29th of July, 2011.
	6.1.2	Strengthen human resource capacity efforts in TB	WHO	16.950	 25%	Nov	2011	NTP and WHO have identified local consultants to conduct trainings for health care workers in DOTS, and TB/HIV.

	6.1.3	Strengthen human resource capacity efforts in TB control	WHO	36.160	 25%	Oct	2011	Four provincial staff members have been identified to attend the international TB, TB/HIV MDR-TB training in Sondalo, Italy in October, 2011. Registration and tuition fees
	6.1.4	Strengthen human resource capacity efforts in TB	WHO	6.780	 0%	Oct	2011	The annual union conference will be held in Lille, France. One TBCARE staff member will attend. Conference registration will be done
	6.1.5	Strengthen human resource capacity efforts in TB	WHO	6.780	Cancelled			The African union meeting in Abuja, Nigeria was already held by the time project funds were received. Funds to be reprogrammed.
	6.1.9	Strengthen human resource capacity efforts in TB	FHI	5.787	 0%	Oct	2011	The annual union conference will be held in Lille, France. One TBCARE staff member will attend. Conference registration will be done
	6.1.10	Provide funding for printing of national strategic documents	WHO	11.300	 0%	Sep	2011	The support of printing costs for reporting and recording tools, and national guidelines will be done once documents are ready.
	6.1.11	Strengthen national TB control management efforts	WHO	22.600	 25%	Dec	2011	Discussions have been held with the NTP and agreements are underway to provide funding for the TB data management training.
	6.1.12	Support World TB Day Commemoration	FHI	20.167	 100%	Mar	2011	The World TB Day was held in Chipata on March 24th. This activity was completed successfully.
					 25%			

7. M&E, OR and Surveillance		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date	
Outcomes					Month	Year		
7.1 Quality assured reporting of TB notifications and outcomes	7.1.1	Strengthen monitoring and evaluation through national, provincial, and district TB technical review meetings and supervisory	FHI	32.150	 25%	Aug	2011	Discussions have been held with the NTP and the national TB/HIV technical data review meeting will be held in August, 2011.

	7.1.2	Strengthen monitoring and evaluation through national, provincial, and district TB technical review meetings and supervisory visits	WHO	169.500	 25%	Aug	2011	Process to support provincial level technical review meetings in the five northern provinces in progress. Funds to be disbursed to provincial health offices in August, 2011.
	7.1.3	Strengthen monitoring and evaluation through national, provincial, and district TB technical review meetings and supervisory visits	WHO	248.600	 25%	Aug	2011	Process to support performance assessment visits in progress. Funds to be disbursed to provincial health offices in August, 2011.
	7.1.4	Provide technical assistance and oversight on M&E	KNCV	9.272	Altered	Sep	2011	Activity has been changed to participation of M&E officer in M&E training, September, 2011, the Hague.
7.2 Operational research established in all target provinces	7.2.1	Conduct operations research	FHI	219.813	 25%	Jul	2011	Process to develop research capacity underway. NTP will provide the implementation framework with guidance by the MoH research unit. Conference calls with
					 25%			

8. Drug supply and management		Lead Partner	Approved Budget	Cumulative Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date	
Outcomes					Month	Year		
8.1 Assured uninterrupted supply of anti-TB drugs	8.1.1	Provide technical assistance to the NTP in drug management	KNCV	20.081	<div><div></div></div> 25%	Dec	2011	Discussions have been held with the NTP and agreements are underway to have technical support in procurement, distribution and monitoring of buffer stocks of anti -TB drugs, in the next quarter, following work plan
					<div><div></div></div> 25%			

Quarterly Activity Plan Modifications

Request for Cancellation or Discontinuation of Activities										
Approved By (write dates)			Old Code	1. Universal and Early Access	Lead Partner	Remaining Budget	New Code	Replace with the following activity (if any)	Lead Partner	Proposed Budget*
Mission	PMU	USAID		Activities from the Work Plan						
			7.1.4	Provide technical assistance in TB/HIV collaborative activities	KNCV	9.842		Participation of M&E officer in M&E training, September, 2011, the Hague.	KNCV	9.842
			6.1.5	Strengthen human resource capacity efforts in TB control	WHO	6.780	6.1.11	Strengthen national TB control management efforts	WHO	6.780
			6.1.12	Support World TB Day Commemoration	FHI	13.142		TB/HIV Training in one target province (Luapula)	FHI	8.000

* Detailed budget is attached

Request for Postponement of Activities to Next Year						
Approved By (write dates)			Old Code	1. Universal and Early Access	Lead Partner	Remaining Budget
Mission	PMU	USAID		Activities from the Work Plan		
				{Copy from the work plan}		

Request for Adding New Activities to the Current Work Plan						
Approved By (write dates)			New Code	1. Universal and Early Access	Lead Partner	Proposed Budget*
Mission	PMU	USAID		Proposed New Activities		

* Detailed budget is attached

Quarterly Photos (as well as tables, charts and other relevant materials)